Startone

MKR 61

roll-up keyboard

th•mann
MUSIC IS OUR PASSION

user manual

Musikhaus Thomann
Thomann GmbH
Hans-Thomann-Straße 1
96138 Burgebrach
Germany
Telephone: +49 (0) 9546 9223-0
E-mail: info@thomann.de
Internet: www.thomann.de

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1 General notes

This manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit please make sure that the buyer also receives this manual.

Our products are subject to a process of continuous development. Thus, they are subject to change.

1.1 Further information

On our website (*www.thomann.de)* you will find lots of further information and details on the following points:

Download	This manual is also available as PDF file for you to download.
Keyword search	Use the search function in the electronic version to find the topics of interest for you quickly.
Online guides	Our online guides provide detailed information on technical basics and terms.
Personal consultation	For personal consultation please contact our technical hotline.
Service	If you have any problems with the device the customer service will gladly assist you.

1.2 Notational conventions

This manual uses the following notational conventions:

Letterings

The letterings for connectors and controls are marked by square brackets and italics.

Examples: *[VOLUME]* control, *[Mono]* button.

Displays

Texts and values displayed on the device are marked by quotation marks and italics.

Examples: *'24ch'*, *'OFF'*.

Cross-references

References to other locations in this manual are identified by an arrow and the specified page number. In the electronic version of the manual, you can click the cross-reference to jump to the specified location.

Example: See *'Cross-references' on page 6*.

1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
WARNING!	This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.
CAUTION!	This combination of symbol and signal word indicates a possible dangerous situation that can result in minor injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used for electronic sound generation using a piano keyboard. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety

DANGER!

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.

WARNING!

Incorrect handling of lithium batteries can result in injury

In the event of a short circuit, overheating or mechanical damage, lithium batteries can cause severe injuries.

Follow the advice on the correct handling of lithium batteries in the following section.

CAUTION!

Possible hearing damage

With loudspeakers or headphones connected, the device can produce volume levels that may cause temporary or permanent hearing impairment.

Do not operate the device permanently at a high volume level. Decrease the volume level immediately if you experience ringing in your ears or hearing impairment.

NOTICE!

Possible damage by leaking batteries

Leaking batteries can cause permanent damage to the device.

Take batteries out of the device if it is not going to be used for a longer period.

NOTICE!

Operating conditions

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

3 Features

The Roll-up keyboard is characterized by the following features:

- 61 keys
- 128 preprogrammed sounds
- 128 preprogrammed styles
- 45 demo songs
- Record and playback function
- Single-finger and multi-finger operation
- Sustain
- Vibrato
- Digital display
- Built-in speakers
- Connections: Headphones out, USB charger connection, MIDI out, audio in

4 Installation

The device is powered by a rechargeable lithium-ion battery. Use only the included lithium-ion battery or a spare battery with identical specifications (see *Chapter 6 'Technical specifications' on page 26*).

Use the included USB charging cable for charging the inserted battery. Connect the device to the USB port of a PC for charging via this cable.

After playing the Silicone keyboard, roll it up loosely and keep the unit in its original packaging. Do not kink the Silicone keyboard.

The unit automatically switches to standby mode when you don't press any key for about 5 minutes. To reactivate the device into normal operating mode press any key of the keyboard.

4.1 Dealing with lithium batteries

WARNING!

Incorrect handling of lithium batteries can result in injury

In the event of a short circuit, overheating or mechanical damage, lithium batteries can cause severe injuries.

Follow the advice on the correct handling of lithium batteries in the following section.

When handled correctly and appropriately lithium batteries pose no risk.

Store lithium batteries in a cool, dry place, ideally in the original packaging.

Store lithium batteries away from heat sources (e.g. radiators or sunlight). Lithium batteries are hermetically sealed. Never attempt to open a lithium battery.

If the battery housing is damaged small amounts of the electrolyte may leak out. If this should happen, seal the lithium battery in airtight packaging and wipe up the traces of electrolyte using absorbent paper towels. You must wear protective rubber gloves when doing so. Clean your hands and the affected surface thoroughly with cold water.

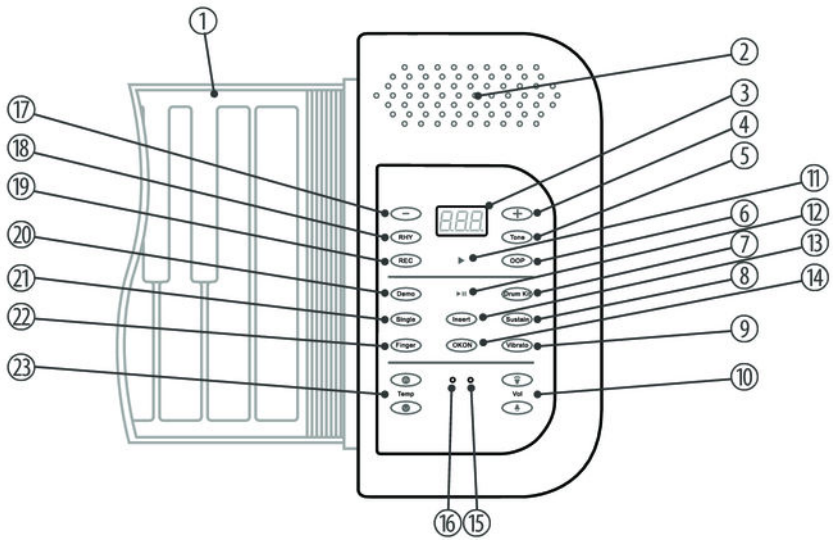
Never attempt to recharge non-rechargeable lithium batteries. When charging lithium batteries you must use a suitable charging device intended for the purpose.

Before disposing of the device remove the lithium batteries. Protect used lithium batteries against potential short circuits, e.g. by covering the poles with adhesive tape.

Only use powder extinguishers or other suitable extinguishing agents to extinguish a burning lithium battery.

5 Control panel and connections

Operating panel



1	Keyboard.
2	Speaker.
3	Display.
4	*[+]* Increases the displayed value by one.
5	*[Tone]* Button to select a preprogrammed sound. Press the button to activate the selection. The display shows *'tnE'*. Use the buttons *[+]* and *[–]* to select a sound setting in the range of *'000'* … *'127'*.
6	*[OOP]* Button to activate the 'OOP' mode. In this mode, you can record your own short drum sequences of up to 32 individual drum hits. Press the ▶ button to play your recording. The sequence is repeated in a continuous loop until you press the ▶II button. If you press the button *[OOP]* again and start a new recording, the previous sequence will be overwritten.

7	*[Drum Kit]* Button to activate the 'Drum Kit' mode. In this mode you create drum sounds using the various keys, (bass drum, snare, hi-hat, cymbals and effects). Press the button once to activate the mode. The display briefly shows *'On'*. Press the button again to exit the mode. The display briefly shows *'OFF'*.
8	*[Sustain]* Button to activate the Sustain effect. Press the button once to activate the effect. The display shows *'SUS'*. Press the button again to deactivate the effect. The display briefly shows *'OFF'*.
9	*[Vibrato]* Button to activate the Vibrato effect. Press the button once to activate the effect. The display shows *'Vib'*. Press the button again to deactivate the effect. The display briefly shows *'OFF'*.

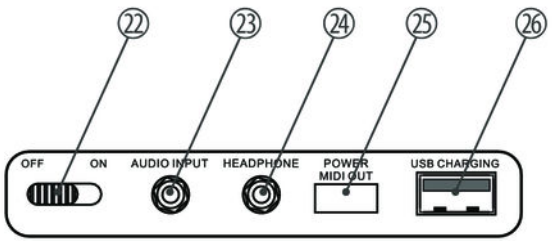
10	*[Vol]* Buttons for increasing / decreasing the volume. Press the keys briefly to gradually adjust the setting. Keep the buttons pressed to adjust the setting quickly up and down.
11	▶ Playback button. Starts and stops playback of user recordings in recording mode.
12	▶II Play / Pause button. Press the button once to start playback of styles and demo pieces. Press the button again to stop playback of styles and demo pieces.
13	*[Insert]* Button to insert a fill when playing styles. Press the button once to insert a fill at the end of the currently playing bar.

14	*[OKON]* Button to activate the Learn mode. Press the button once to activate the Learn mode. The display shows *'LEn'*. Then start the playback of the various demo pieces with the keys of the keyboard. You have now the option to accompany the playing song. You can pause the playback with ▶II. Press the button *[OKON]* again to exit the mode. The display briefly shows *'OFF'*.
15	Battery charging indicator This LED lights red during charging. Once the installed battery pack is fully charged, the LED turns green. In normal operation, the LED is off.
16	Power indicator This LED lights constantly red during operating.
17	*[–]* Decreases the displayed value by one.

18	*[RHY]* Button to select a preprogrammed style. Press the button to activate the selection. The display shows *'rhy'*. Use the buttons *[+]* and *[–]* to select a style in the range of *'000'* … *'127'*.
19	*[REC]* Button to activate the 'recording' mode (display shows *'LEn'*). In this mode, you can record your own sequences of up to 92 notes. Press the ▶ button to play your recording. The sequence is being played until you press the ▶II button (display shows *'OFF'*). If you press the button *[REC]* again and start a recording, the previous sequence will be overwritten.
20	*[Demo]* Button to activate the 'Demo' mode. Press the button to activate the selection. The display shows *'d00'* and the first demo track will be played immediately. Use the buttons *[+]* and *[–]* to switch at will between the preprogrammed demo pieces *'d00'* … *'d44'*. Press the Play / Pause button to stop the playback of demo pieces.

21	*[Single]* Button to activate the single-finger mode when playing a preprogrammed style (display shows *'Sin'*). Press the Playback / Pause button to start style playback or press the button *[Single]* or the Playback button along with a key in the range of C3 … F4#. Then the keyboard automatically plays an appropriate accompaniment.
22	*[Finger]* Button to activate the multi-finger mode when playing a preprogrammed style (display shows *'Fin'*). Press the Playback / Pause button to start style playback or press the button *[Finger]* along with multiple keys in the range of C3 … F4#. Then the keyboard automatically plays an appropriate accompaniment.
23	*[Temp]* Buttons to increase / decrease the playback speed of sounds, styles and demo pieces in the range of *'030'* … *'240'*. Press the keys briefly to gradually adjust the setting. Keep the buttons pressed to adjust the setting quickly up and down.

Connections



24	*[OFF | ON]* Main switch to turn the device on and off.
25	*[AUDIO INPUT]* Input socket for connecting an external audio device (e.g. MP3 or CD player).
26	*[HEADPHONE]* Output for headphones or external audio devices like active speakers or amplifiers.

27	*[POWER | MIDI OUT]* Connection for the supplied USB cable to charge the installed battery pack via the USB port of a computer and for transferring MIDI data.
28	*[USB CHARGING]* USB charger connection.

Battery compartment

The battery compartment is located on the back of the control panel.

6 Technical specifications

Keyboard	Rollable silicone keyboard with 61 keys
Sounds	128
Styles	128
Demo songs	45
Connections	USB charger connection, Headphones (3.5 mm mini phone), MIDI out (USB), audio in (3.5 mm mini phone)
Operating voltage supply	Lithium-Ion battery, rated voltage 3.7 V, rated power 1000 mAh (included)
Dimensions operating panel (W × H × D)	110 mm × 215 mm × 35 mm
Dimensions keyboard (W × H × D)	900 mm × 166 mm × 8 mm

7 Protecting the environment

Disposal of the packaging material

For the packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposing of lithium batteries

Before disposing of the device remove the lithium batteries. Protect used lithium batteries against potential short circuits, e.g. by covering the poles with adhesive tape.

Lithium batteries contain some hazardous chemicals so they must not be thrown away with the normal household waste or burned, but must be disposed of in accordance with local regulations on the disposal of hazardous waste. They should be returned to the manufacturer for disposal or recycled elsewhere in accordance with your local regulations.

Disposal of your old device

This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

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